## Index of Claims

| Application/Control No. | Applicant(s)/Patent under<br>Reexamination<br>ZAKHAROV ET AL. |  |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|--|
| 10/685,983              |   |  |  |  |  |  |  |  |  |
| Examiner                | Art Unit  |  |  |  |  |  |  |  |  |
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|-------------|---------------|----------|---------------|---------------|----------|----------|-----------------------------|----------|----------|---------------|--------------|---------|--------------|----------|----------|---------|----------|----------|----------|---------|--------------|---------|----------|---------------|--------|---|
|             |               | <b>√</b> | Rejected      |               |          | (1       | (Through numeral) Cancelled |          |          |               |              |         | Non-Elected  |          |          | 1       | A        | Appeal   |          |         |              |         |          |               |        |   |
| = Allowed ÷ |               |          | Restricted    |               |          |          |                             |          | ı        | ı             | Interference |         |              | ,        | 0        | Objecte |          |          | ed       |         |              |         |          |               |        |   |
|             | aim           | _        | Date          |               |          | $\neg$   | Ck                          | aim      | _        |               |              | Dat     | Δ.           |          |          | $\neg$  | _        | Claim    | _        |         | _            | Dat     |          |               |        | 1 |
|             | $\overline{}$ | $\vdash$ |               | $\overline{}$ | П        | ┥        | -01                         |          | $\vdash$ | П             | Т            | Ť       | Ť            | Т        |          | П       | $\vdash$ |          | $\vdash$ | Т       | Т            | T       | Ť        | П             | $\top$ | 1 |
| Final       | Original      | 1/19/09  |               |               |          |          | Final                       | Original | 1/19/09  |               |              |         |              |          |          |         | 10       | Original | 1/19/09  |         |              |         |          |               |        |   |
|             | 1             | √        |               |               |          |          |                             | 51       | V        |               |              |         |              |          |          |         |          | 101      | -        |         | I            |         |          | ĺ             |        | 1 |
|             | 2             | √        |               |               |          |          |                             | 52       | 7        |               |              |         |              | $\Box$   |          |         |          | 102      | -        |         | Т            |         |          |               |        | ] |
|             | 3             | V        |               |               | ш        | 4        |                             | 53       | V        | Ц.            | _            | _       | L            | ┖        |          | Щ       | $\perp$  | 103      | -        | _       | ┸            | 1       | _        | _             |        | 1 |
|             | 4             | ٧        | $\perp$       |               | ш        | 4        |                             | 54       | V        | 4             | 4            | _       | $\perp$      | ╙        |          | Ш       | $\vdash$ | 104      | -        | _       | $\perp$      | $\perp$ | _        | _             |        | 1 |
|             | 5             | ٧        | +++           | _             | Н        | 4        |                             | 55       | 1        | $\dashv$      | +            | +       | ⊢            | ⊢        |          | Н       | $\vdash$ | 105      |          | +       | +            | ╀       | _        | $\dashv$      | +      | 4 |
| _           | 7             | V        | -             | -             | $\vdash$ | 4        |                             | 56<br>57 | V        | +             | +            | +       | $\vdash$     | ⊢        |          | Н       | $\vdash$ | 106      | -        | +       | +            | +       |          | +             | +      | 4 |
| -           | 8             | V        |               | _             | +        | -        |                             | 58       | V        | +             | +            | +       | +            | $\vdash$ | Н        | Н       | $\vdash$ | 107      |          | +       | +            | +       | $\vdash$ | +             | +      | 1 |
|             | 9             | V        | -             | +             | +        | ┨        | -                           | 59       | v        | +             | +            | +       | +            | $\vdash$ | Н        | Н       | $\vdash$ | 109      | H        | +       | +            | +       | Н        | +             | +      | 1 |
|             | 10            | i-       |               | _             | $\vdash$ | ┥        |                             | 60       | V        | +             | +            | +       | +            | -        | Н        | Н       | Н        | 110      |          | +       | +            | +       | Н        | +             | +      | 1 |
|             | 11            | V        | -             | _             | H        | ┥.       |                             | 61       | v        | $\vdash$      | 十            | +       | t            | $^{-}$   | H        | Н       | $\vdash$ | 111      |          | $^{+}$  | +            | +       |          | $\vdash$      | +      | 1 |
|             | 12            | -        |               |               | Ħ        | ┪.       |                             | 62       | V        | $\neg$        | +            | +       | F            |          | Ħ        | П       | $\vdash$ | 112      | -        | _       | T            |         |          |               | +      | 1 |
|             | 13            | 4        |               |               | П        | ┪.       |                             | 63       | V        | $\neg$        | 7            | $\top$  | T            |          |          | П       |          | 113      | -        |         | $^{\dagger}$ |         |          |               | $\top$ | 1 |
|             | 14            | 4        |               |               | П        | ┪.       |                             | 64       | V        | $\neg$        | 1            |         |              |          |          | П       |          | 114      |          |         | $\top$       |         |          |               | $\top$ | 1 |
|             | 15            | 4        |               |               | П        | ٦.       |                             | 65       | V        | П             | Т            | $\top$  | Т            | П        |          | П       |          | 115      | - 1      | $\neg$  | Т            | Т       |          |               | $\top$ | 1 |
|             | 16            | √        |               |               | П        |          |                             | 66       | V        | П             |              | Т       |              |          |          |         |          | 116      |          | Т       | Т            |         |          |               |        | ] |
|             | 17            | ٧        |               |               | П        |          |                             | 67       | V        | $\Box$        |              | $\perp$ |              |          |          |         |          | 117      |          | $\perp$ | $\perp$      | $\perp$ |          |               |        | ] |
|             | 18            |          |               |               | ш        | 4        |                             | 68       | V        | Щ             | 4            | _       | ┖            | ╙        |          | Ш       | $\perp$  | 118      |          | _       | _            | ┸       | _        | $\perp$       |        | 1 |
|             | 19            | ٧        | -             |               | ш        | 4        |                             | 69       | V        | 4             | 4            | +       | ┡            | ╙        |          | Ш       | $\vdash$ | 119      |          | $\perp$ | +            | ╄       |          | $\perp$       |        | 1 |
|             | 20            |          | -             | _             | Н        | 4        |                             | 70       | V        | -             | +            | +       |              | ⊢        |          | Н       | $\vdash$ | 120      |          | -       | +            | +       |          | $\rightarrow$ | +      | 4 |
|             | 21            | ٧        | +             | _             | н        | 4        | _                           | 71       | V        | +             | +            | +       | -            | ⊢        | H        | Н       | $\vdash$ | 121      | H        | +       | +            | +       |          | $\rightarrow$ | +      | 4 |
|             | 22            | ٧        | +             | _             | Н        | 4        |                             | 72       | 1        | -             | +            | +       | ┢            | ⊢        | H        | Н       | $\vdash$ | 122      | -        | +       | +            | +       |          | $\perp$       | +      | 4 |
| -           | 23            | 4        | -++           | -             | Н        | 4        |                             | 73<br>74 | -        | +             | +            | +       | ⊢            | ⊢        |          | Н       | $\vdash$ | 123      | $\vdash$ | +       | +            | +       |          | +             | +      | 4 |
|             | 25            |          |               | _             | +        | -        |                             | 75       | √        | +             | +            | +       | +            | $\vdash$ | Н        | Н       | $\vdash$ | 125      | $\vdash$ | +       | +            | +       | $\vdash$ | +             | +      | 1 |
|             | 26            |          | -             | _             | +        | ┨        | -                           | 76       | V        | +             | +            | +       | +            | $\vdash$ | Н        | Н       | $\vdash$ | 126      | +        | +       | +            | +       | Н        | +             | +      | 1 |
|             | 27            | v        |               | _             | $\vdash$ | ┥        |                             | 77       | Ý        | +             | +            | +       | +            | -        | Н        | Н       | $\vdash$ | 127      | $\vdash$ | +       | +            | +       |          | +             | +      | 1 |
|             | 28            | V        |               | _             | H        | ┥.       |                             | 78       | V        | $\vdash$      | 十            | +       | t            | $^{-}$   | H        | Н       | $\vdash$ | 128      | $\vdash$ | $^{+}$  | +            | +       |          | $\vdash$      | +      | 1 |
|             | 29            |          |               |               | Ħ        | ┪.       |                             | 79       | V        | $\top$        | $^{+}$       | +       | t            |          |          | Н       | $\vdash$ | 129      | Н        | $\neg$  | $^{+}$       |         |          | $\Box$        | +      | 1 |
|             | 30            |          |               |               | П        | 7        |                             | 80       | V        | $\neg$        | 1            |         |              |          |          | П       |          | 130      |          |         | T            |         |          |               | +      | 1 |
|             | 31            | 4        |               |               | П        | 7        |                             | 81       | -        | $\neg$        | $\neg$       | $\top$  | Т            |          |          | П       |          | 131      | П        | $\neg$  | Т            | 1       |          |               | $\top$ | 1 |
|             | 32            | 4        |               |               | П        | ٦.       |                             | 82       | -        | П             | Т            | $\top$  | Т            | Т        |          | П       |          | 132      | П        | $\neg$  | Т            | Т       |          | П             | $\neg$ | 1 |
|             | 33            |          |               |               | П        |          |                             | 83       | •        |               |              |         |              |          |          |         |          | 133      |          | $\top$  | Т            |         |          |               |        | ] |
|             | 34            | V        |               |               |          |          |                             | 84       | Ŀ        | $\Box$        |              |         |              |          |          |         |          | 134      |          |         |              |         |          |               |        | ] |
|             | 35            | 4        |               | $\perp$       | $\Box$   | 4        |                             | 85       |          | П             |              | ┸       |              |          |          | П       |          | 135      | $\Box$   | $\perp$ | ₽            | $\perp$ |          | Ц             |        | 1 |
|             | 36            | ٧        | -             | _             | $\sqcup$ | 4        | <u></u>                     | 86       |          | Ц             | 4            | _       | ╙            | 1        |          | Ш       | <b>L</b> | 136      | $\sqcup$ | _       | +            | $\perp$ | _        | Ц             |        | 1 |
| _           | 37            | V        | -             | $\perp$       | ↤        | 4        | $\vdash$                    | 87       | Ē        | 4             | 4            | 4       | _            | _        | $\vdash$ | Ш       | $\vdash$ | 137      | $\sqcup$ | 4       | +            | 1       | _        | Ц             |        | 4 |
| _           | 38            |          | _ _ _         | -             | 1-1      | 4        | <u></u>                     | 88       | Ŀ        | 4             | 4            | 4-      | 1            | $\vdash$ | ⊢        | Н       | $\vdash$ | 138      | -        | +       | +            | 1       | _        | Н             | -1-    | 4 |
| -           | 39            |          | +++           | _             | $\vdash$ | 4        | -                           | 89       |          | 1             | +            | +       | ⊢            | ⊢        | Н        | Н       | $\vdash$ | 139      | $\vdash$ | _       | ╀            | _       | <u> </u> | Н             | +      | 4 |
| -           | 40            | V        |               |               | ⊢⊦       | 4        | $\vdash$                    | 90       | Ŀ        | -             | +            | +       | ⊢            | ⊢        | $\vdash$ | Н       | -        | 140      | $\vdash$ | +       | +            | ╀       | -        | -             | -+-    | 4 |
| -           | 41            | ¥        |               |               | ⊢⊦       | 4        | $\vdash$                    | 91       | :        | +             | +            | +       | +            | ⊢        | 1        | Н       | -        | 141      | +        | -       | +            | +       | -        | Н             |        | 4 |
| -           | 42            | 7        | +++           | +             | +        | +        | $\vdash$                    | 93       |          | +             | +            | +       | +            | -        | $\vdash$ | Н       | $\vdash$ | 142      | $\vdash$ | +       | +            | +       | $\vdash$ | $\vdash$      | +      | 1 |
| -           | 44            |          | +++           | -             | +        | $\dashv$ | $\vdash$                    | 94       | -        | +             | +            | +       | +            | +        | Н        | Н       | $\vdash$ | 144      | +        | +       | +            | +       | $\vdash$ | $\vdash$      | +      | 1 |
| -           | 44            | 1 4      | $\rightarrow$ | _             | -        | 4        | ⊢                           | 94       | ٠.       | $\rightarrow$ | -            | -       | -            | -        | -        | Н       | $\vdash$ | 144      | $\vdash$ | -       | -            | -       | ⊢        | $\perp$       | -      | 1 |

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